

Broadband over powerlines (BPL) while philosophically attractive, has been shown to have disastrous implications for those services already occupying the spectrum between 2 and 80 MHz. Implementation of BPL in its current form simply must not be allowed to proceed. The interference potential has been clearly demonstrated by the American Radio Relay League.

As a pilot, I can only imagine the havoc that would ensue if radionavigation signals are corrupted (there are a surprising number of radionavigation signals in the upper end of this spectrum). Also, all HF services to aviation would be seriously impacted, as HF aviation communication is commonly used and could become unuseable at any Air Route Traffic Control center (ARTCC) near powerlines carrying BPL. Military communications in HF could be seriously degraded as well, as would any other Government communications that utilize HF, such as FEMA, the National Hurricane Center, and many branches of NOAA, to name a few.

Finally, the Amateur Radio Service would be seriously compromised by adopting BPL. The utility of the Amateur Radio Service for emergency communications would effectively be nullified by BPL. The original Part 15 regulations that limit unlicensed emissions never anticipated this sort of interference potential, and reliance on that standard by the proponents of BPL is at best disingenuous and at worst deceptive.